

1030 MAR 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

Le A 36 902

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/572882

INTERNATIONAL APPLICATION NO.
PCT/EP2004/010383INTERNATIONAL FILING DATE
16 September 2004 (16.04.2004)PRIORITY DATE CLAIMED
27 September 2003 (27.09.2003)TITLE OF INVENTION **Diagnostics and Therapeutics for Diseases Associated with G-Protein Coupled Receptor
ADIPOR2 (ADIPOR2)**

APPLICANT(S) FOR DO/EO/US

Stefan GOLZ, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/572882		INTERNATIONAL APPLICATION NO. PCT/EP2004/010383		ATTORNEY'S DOCKET NUMBER Le A 36 902	
20. Other items or information: <ol style="list-style-type: none"> 1) Certificate of Mailing under 37 C.F.R. 1.10 2) Copy of the International Search Report (37 CFR 1.492(b)(3)) 3) Statement as to the Identity of the Sequence Listing 4) Paper copy of the Sequence Listing 4) Itemized Return Receipt Postcard 					
The following fees have been submitted					
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				CALCULATIONS PTO USE ONLY \$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$ 200.00	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 400.00	
TOTAL OF 21, 22 and 23 =				\$900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
129 - 100 =	29 /50 =	1		x \$250	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	26 - 20 =	6	x \$ 50	\$ 300.00	
Independent claims	13 - 3 =	10	x \$200	\$ 2,000.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$ 00.00	
TOTAL OF ABOVE CALCULATIONS = \$ 3,450.00					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL = \$ 3,450.00					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +					
TOTAL NATIONAL FEE = \$ 3,450.00					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					
TOTAL FEES ENCLOSED = \$ 3,450.00					
Amount to be refunded: \$ _____					
Amount to be charged \$ _____					

10/572832
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- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 13-3372 in the amount of \$ 3,450.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO: **Customer No. 35969**

Jeffrey M. Greenman
Vice President
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Bayer Pharmaceuticals Corporation
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West Haven, CT 06516

Susan M. Pellegrino

SIGNATURE

Susan M. Pellegrino

NAME

48,972

REGISTRATION NUMBER

Date of Deposit: 20 March 2006
Express Mail Label Number: EQ 409 312 077 US

10/572882

RECORDED 20 MAR 2006

Attorney's Docket No. Le A 36 902

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Stefan Golz, et al.

Serial No.: [to be assigned]

National Stage Filing of PCT/EP2004/010383

International Filing Date: 16 September 2004

For: Diagnostics and Therapeutics for Diseases Associated with G-Protein
Coupled Receptor ADIPOR2 (ADIPOR2)

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CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the *attached* correspondence comprising:

- Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];
- Application Data Sheet under 37 C.F.R. 1.76;
- Preliminary Amendment;
- Copy of the International Application as filed (35 U.S.C. 371(c)(2));
- Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of:
 - 1) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b)(2)
 - 2) Copy of the International Search Report prepared by the European Patent Office
 - 3) Form(s) PTO/SB/08A-B [substitute for form 1449/PTO] (37 C.F.R. 1.98(a)(b))
 - 4) Copies of Cited References (37 C.F.R. 1.98(d))
- Submission of Sequence Listing consisting of:
 - 1) Sequence Listing in Computer Readable Form (Diskette enclosed);
 - 2) Statement as to the Identity of the Sequence Listing; and
 - 3) Printout of the Sequence Listing.
- Itemized Return Receipt Post Card.

is, on the date shown below, being deposited with the United States Postal Service, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EQ 409 312 077 US** addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

20 March 2006
Date

Signature of Person Certifying / Beatriz Alviz